

FIG. 1A
(PRIOR ART)

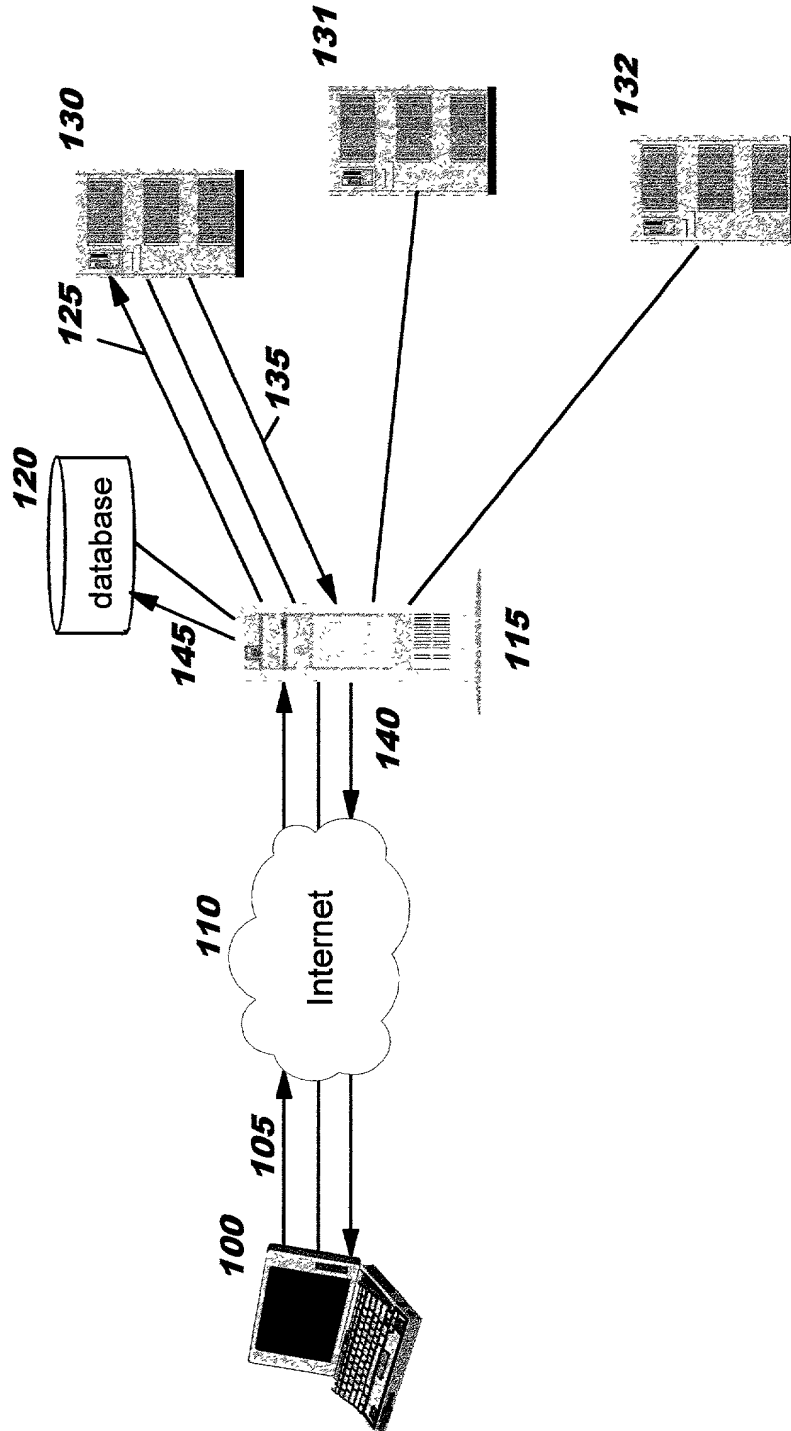


FIG. 1B
(PRIOR ART)

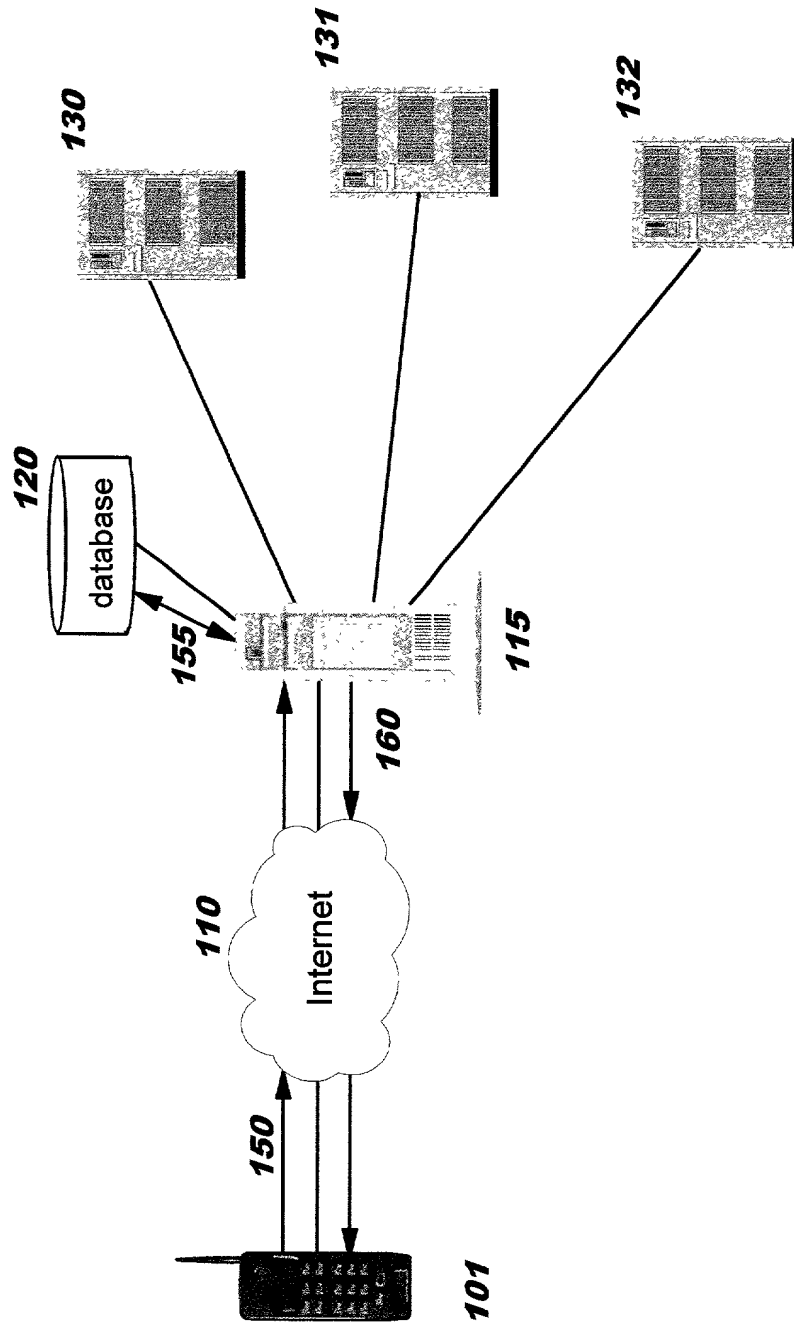


FIG. 2A
(PRIOR ART)

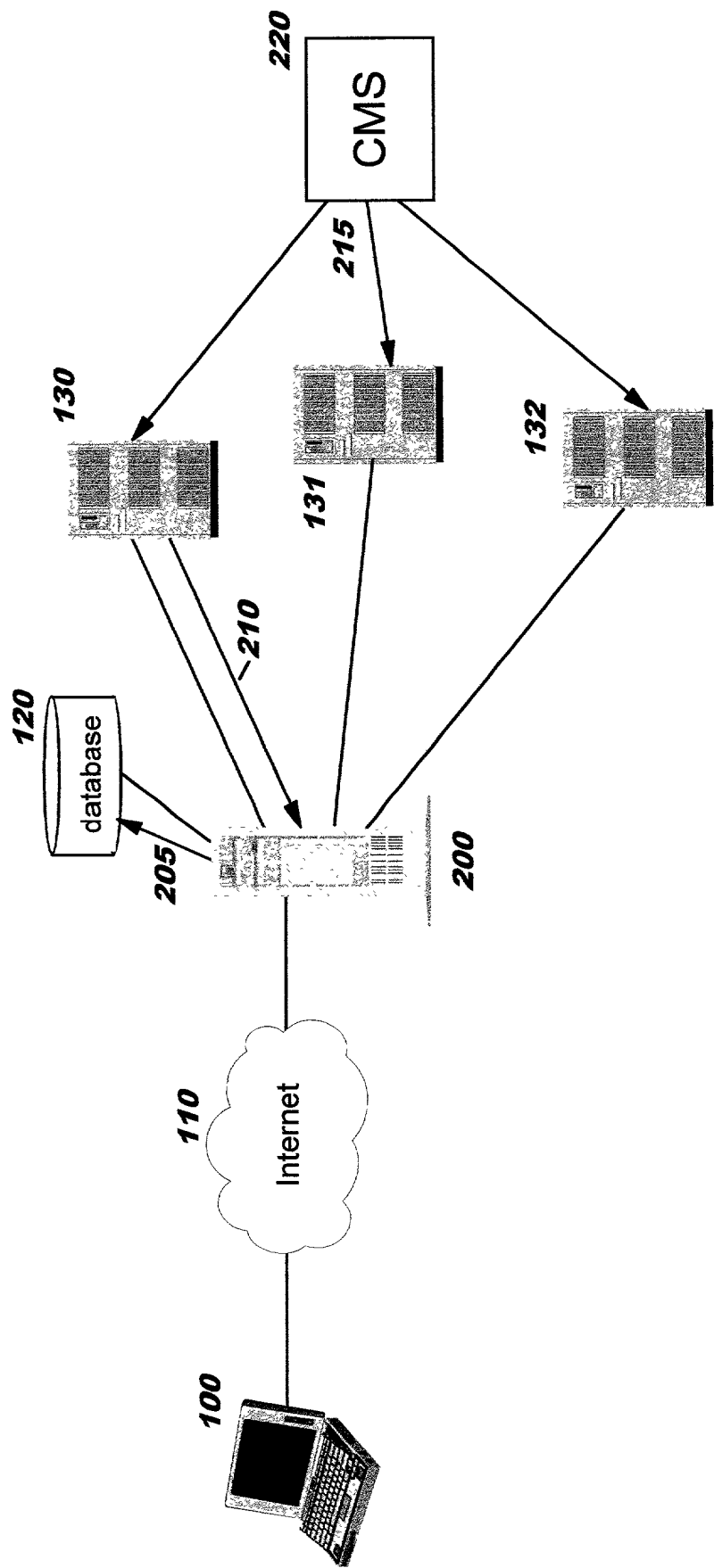


FIG. 2B
(PRIOR ART)

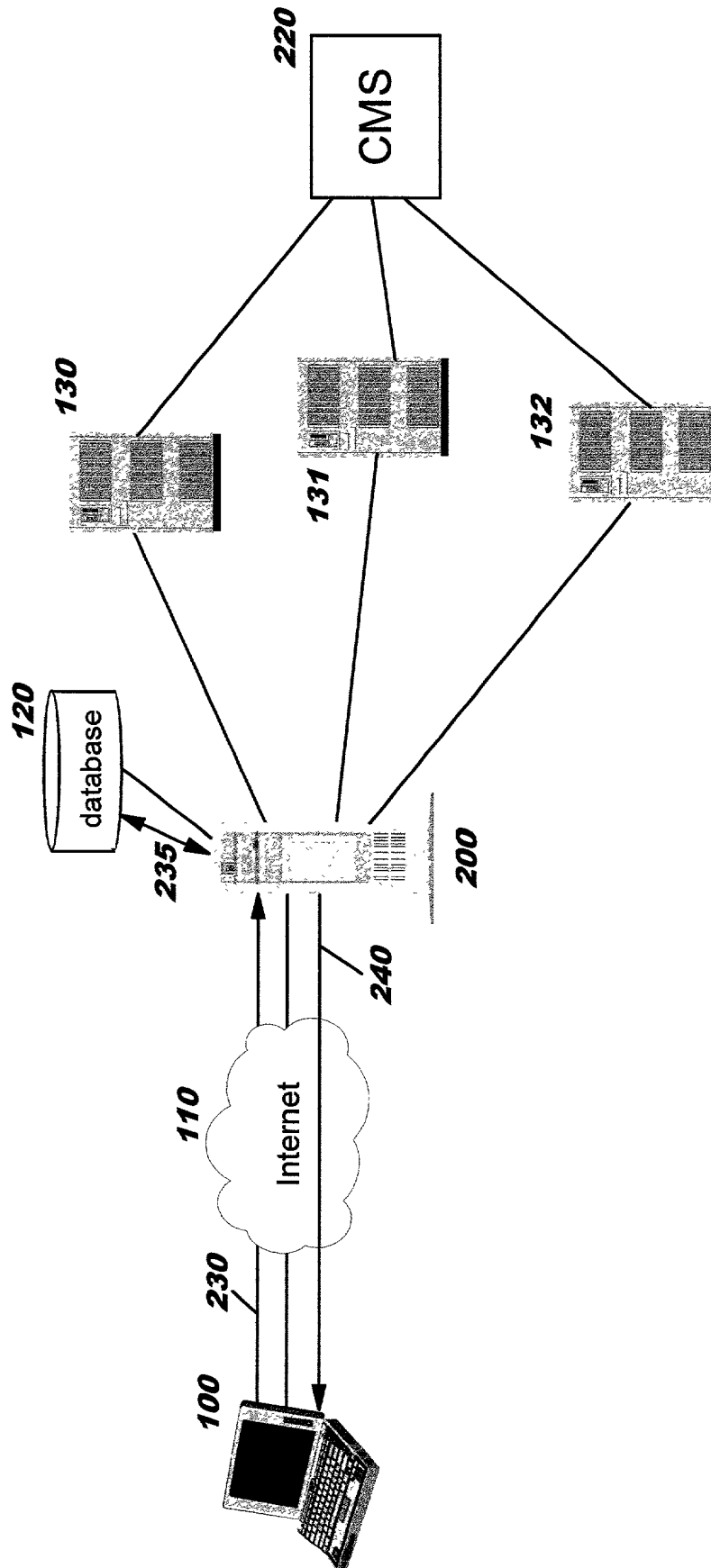


FIG. 3

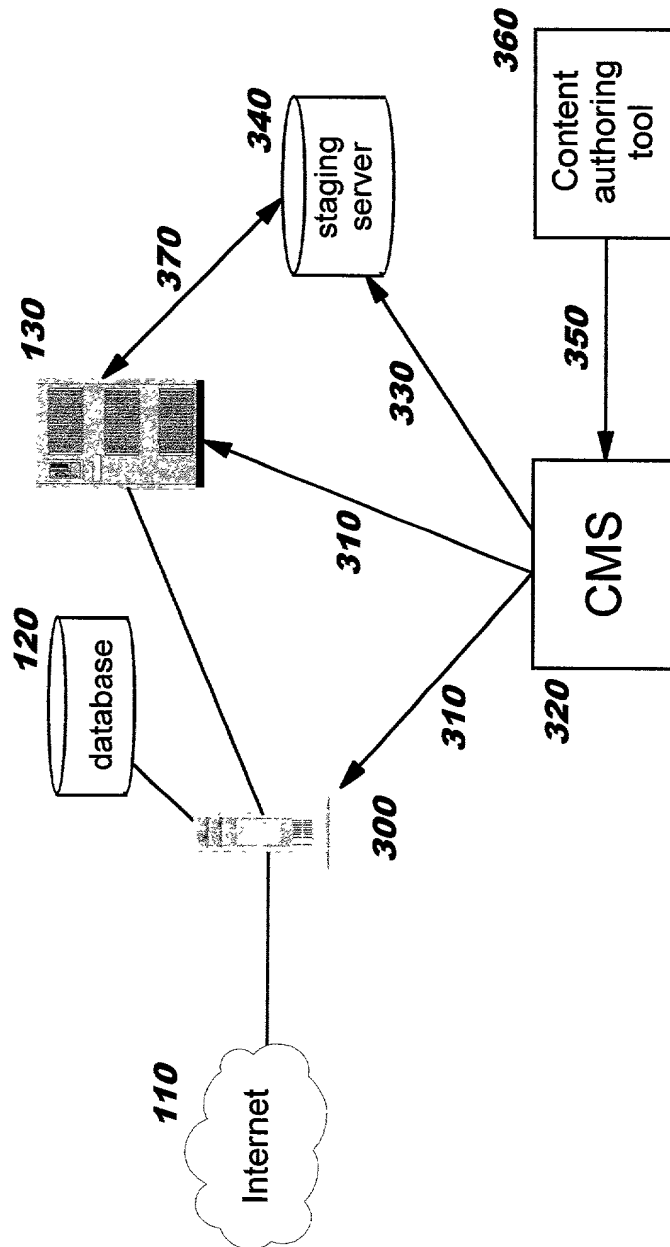


FIG. 4

<u>400</u>	<u>402</u> URL	<u>404</u> File Name	
410	http://www.ibm.com	d:\main_files\home_page.htm	411
420	http://www.ibm.com/legal/copytrade.html	d:\legal_files\copyright\main.html	421
430	http://www.ibm.com/legal/copyright.html	d:\legal_files\copyright\main.html	431
440	http://www.ibm.com/legal/trademark.html	d:\legal_files\copyright\main.html	441
450	ftp://abc.def.com/xyz	c:\myWebFiles\aaa.jpg	451

FIG. 5

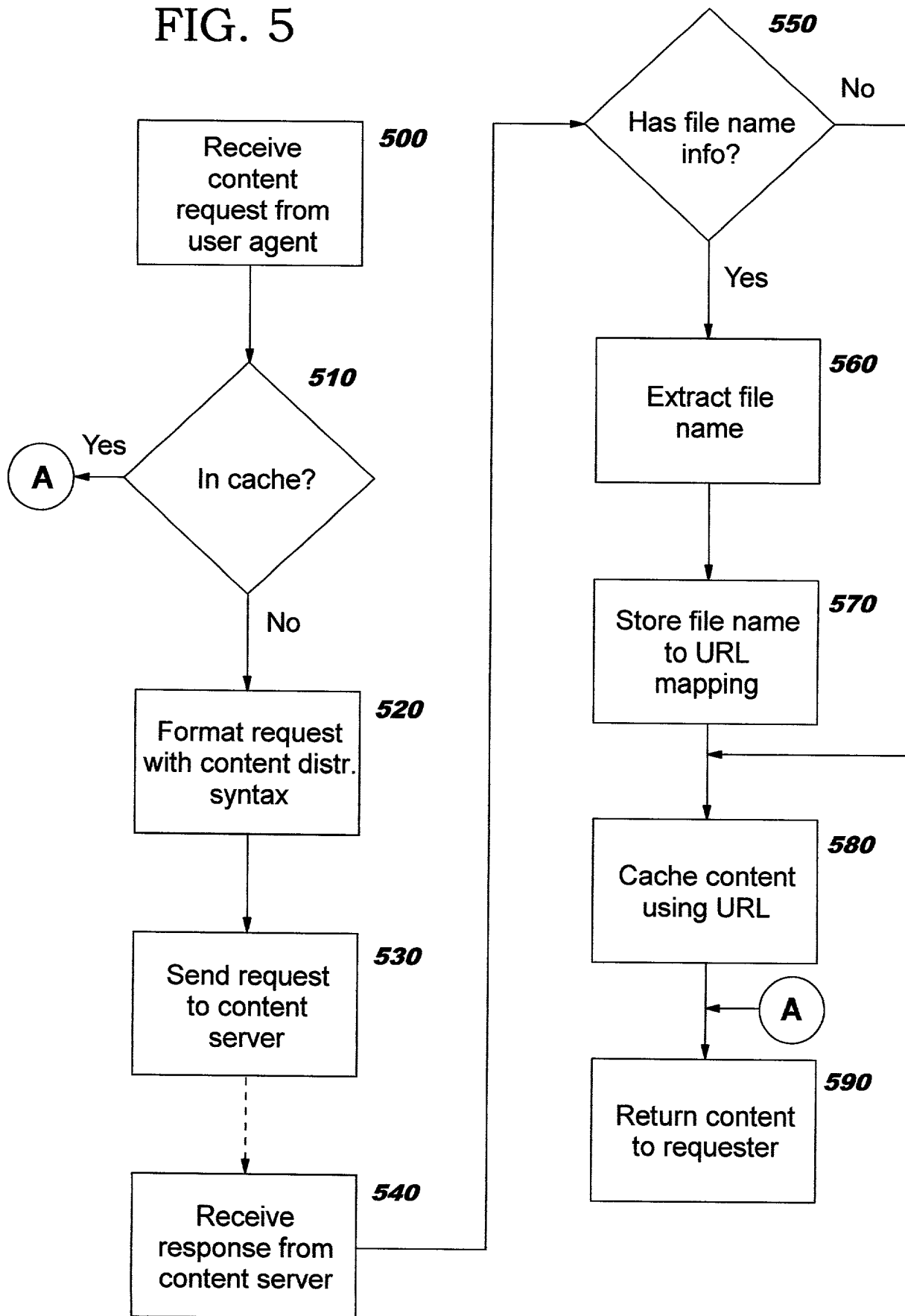


FIG. 6

<u>600</u>	602 FileName	604 URL
610	c:\myWebFiles\aaa.txt	ftp://abc.def.com/xyz 611
620	c:\myWebFiles\aaa.txt	http://abc.def.com/xyz 621
630	c:\myWebFiles\aaa.txt	http://abc.def.net/xyz 631
640	c:\filesForImages\xyz.gif	http://xyz.def.com/xyz 641

FIG. 7A

700

710

GET http://www.ibm.com/abc.html HTTP/1.1
Host: www.ibm.com

712

Content-Type: text/html

714

CDist_Aware: Yes
... message content follows ...

FIG. 7B

720 <META HTTP-EQUIV="CDist_Aware" CONTENT="1" />

FIG. 7C

730 <META NAME="CDist_Aware" VALUE="1" />

FIG. 7D

740

<BODY>
...
<! CDist_Aware: Yes -- this cache is able to map file names >
...

FIG. 7E

750 <CDIST:META HTTP-EQUIV="CDist_Aware" CONTENT="1" />

FIG. 8

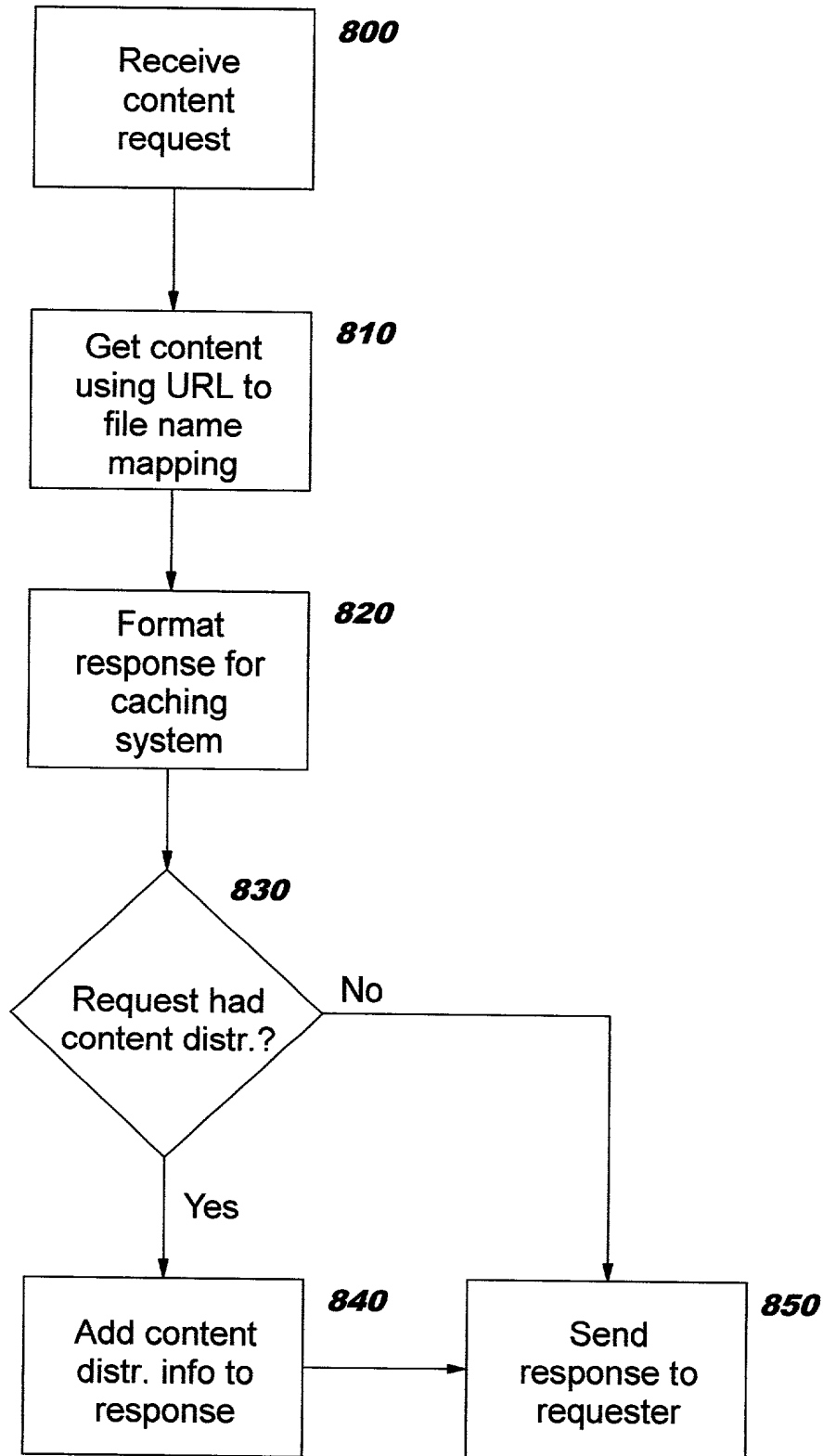


FIG. 9A

910

HTTP/1.1 200 OK

912

Content-Type: text/html

914

Cache-Control: CDIST_FILENAME=c:\myWebFiles\aaa.txt

... message content follows ...

FIG. 9B

910

HTTP/1.1 200 OK

912

Content-Type: text/html

916

File_Name: c:\myWebFiles\aaa.txt

... message content follows ...

FIG. 9C

920 <META HTTP-EQUIV="File_Name" CONTENT="c:\myWebFiles\aaa.txt" />

FIG. 9D

930 <META NAME="File_Name" VALUE="c:\myWebFiles\aaa.txt" />

FIG. 9E

940 —> <BODY>
...
<! File_Name = c:\myWebFiles\aaa.txt -- this is the server's file name >
...

FIG. 9F

950 <CDIST:META HTTP-EQUIV="File_Name" CONTENT="c:\myWebFiles\aaa.txt" />

FIG. 10

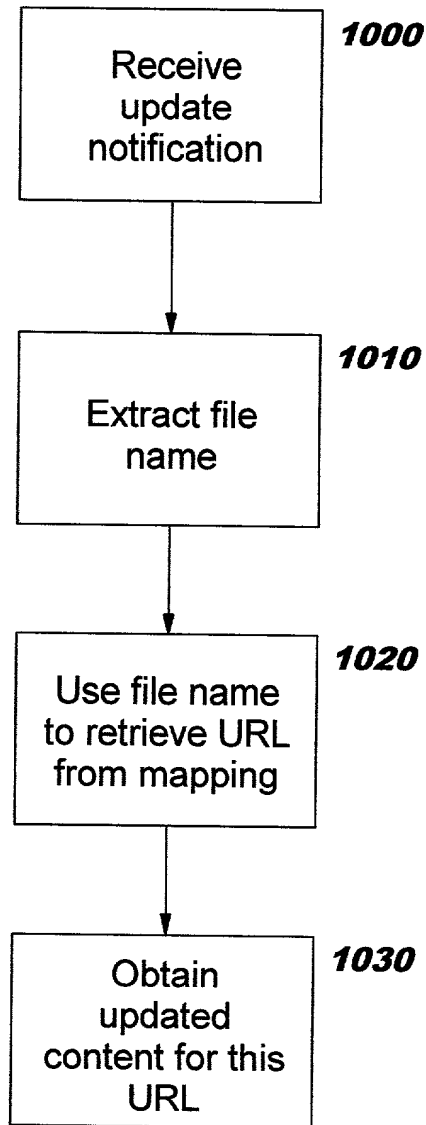


FIG. 11

